



ULTRASONIC CUTTER

ZO-80

**"S-High mode" works to cut the object
1.5 times faster than the conventional model.*1**



Specifications

Oscillation frequency	40kHz	Protection circuit	Temperature sensor inside of hand-piece. Detection circuit for insufficient tightened blade fixing screw and overload to the blade. Automatic stop after 10 minutes operation.
Max. power consumption	Approx. 60W	Weight	Oscillator (main unit): Approx. 1.2kg Hand-piece: Approx. 350g (including the hand-piece cable)
AC adapter	100-240 VAC 50/60 Hz OUTPUT: 12 VDC 5A *2	Accessories	BDC-200P: 40 pcs./case (including the blades with a hole) Blade anchor ZH04: 1 pce. Blade anchor screw HB03: 1 pce. Hexagon wrench RR02: 1 pce.
External dimensions (Unit: mm)	Oscillator (main unit): 185*169*55 (excluding protrusions) Hand-piece: φ28*150 (including the blade)		
Power mode switch	S-High/High/Normal		
Ambient condition	Temperature: 5 to 35 °C Humidity: 20 to 70 % (without condensation) *3		

*1 Based on the comparison with the cutting speed of ZO-91 in High mode when 2mm thick acrylic is cut by the force of 2kgs.

*2 Accessory power cord complies with the Japanese law and safety standard based on the power voltage in Japan, 100VAC.
In case the product is used in any foreign country or region, prepare and use the power cord which complies with the law and safety standard in the country or region by yourself.

3 Ambient temperature in the ambient condition may not guarantee the performance of operation under the temperature.

Applicable material

- Synthetic resin ● Plastic ● Epoxy putty ● Silicone
- Paper / cardboard ● Chemical fiber / cloth ● Polyester putty
- Object made by 3D printer



Optional items

ZH-801

Foot switch for ZO-80

Plug into the connector on the rear panel of ZO-80 to turn on and off ultrasonic vibration by the foot switch.



ZH13

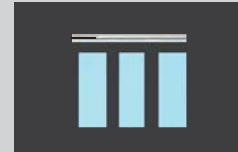
Goggle

Wear goggles to protect your eyes from the broken blade.



SB01

Maintenance set



Abrasive paper x 3
Cleaning bar x 1

Blade anchor and set items

ZH04

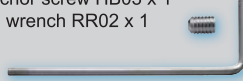
Standard blade anchor for ZO series



ZH04S

Blade anchor set

- Blade anchor ZH04 x 1
- Blade anchor screw HB03 x 1
- Hexagon wrench RR02 x 1



ZH14S

Thin blade set

- Thin blade ZH14 (5 pcs.) x 1
- Blade anchor screw HB03 x 1
- Blade anchor ZH15 x 1



ZH15

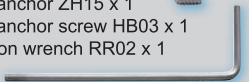
Blade anchor for Thin blade ZH14 and ZH16



ZH15S

Blade anchor for thin blade set

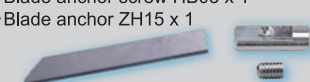
- Blade anchor ZH15 x 1
- Blade anchor screw HB03 x 1
- Hexagon wrench RR02 x 1



ZH16S

Thin long blade set

- Thin long blade ZH16 (5 pcs.) x 1
- Blade anchor screw HB03 x 1
- Blade anchor ZH15 x 1



Replacement blades

Standard blade (40 pcs.)



HA04

Curving blade (4 mm)



ZH03

Curving blade (2 mm)



ZH19

Flat blade (1 mm)



ZH05

Flat plate (1 mm)



ZH07

Round tip blade (R15)



ZH09

Saw blade



ZH11

Long blade (25 mm)



ZH10

Curving blade (1 mm)



ZH18

Curving blade (3 mm)



ZH20

Flat blade (2 mm)



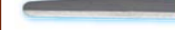
ZH06

Flat plate (2 mm)



ZH08

Round tip blade



HA10

Saw blade



ZH37

Thin blade (5 pcs.)



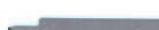
ZH14

Cemented carbide blade



HA07

Square pyramid



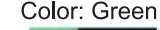
ZH12

Grinding stone #800
Color: Blue



ZH24

Grinding stone #120
Color: Green



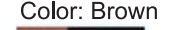
ZH26

Grinding stone #180
Color: Gold



ZH27

Grinding stone #300
Color: Brown



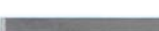
ZH28

Thin long blade (5 pcs.)



ZH16

Square blade



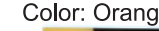
HA08

Welding blade (2 mm)



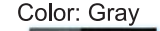
ZH38

Grinding stone #400
Color: Orange



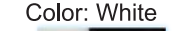
ZH29

Grinding stone #600
Color: Gray



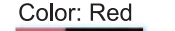
ZH30

Grinding stone #1000
Color: White



ZH31

Grinding stone #1200
Color: Red



ZH32

Filing plate #325 (4 mm)



ZH23

Filing plate #325 (1 mm)



ZH34

Filing plate #325 (2 mm)



ZH35

Filing plate #325 (3 mm)



ZH36

Electrodeposited filing plate with square pyramid



ZH39

We customize your original blades. Feel free to contact us for making your desirable blades.

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Manufacturer:



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Registered company for ISO9001 and ISO14001

<Contact>